

From glowbugs@theporch.com Tue Dec 17 10:48:07 1996
Return-Path: <glowbugs@theporch.com>
Received: from uro (localhost.theporch.com [127.0.0.1])
by uro.theporch.com (8.8.4/AUX-3.1.1)
with SMTP id KAA19196;
Tue, 17 Dec 1996 10:42:48 -0600 (CST)
Date: Tue, 17 Dec 1996 10:42:48 -0600 (CST)
Message-Id: <199612171642.KAA19196@uro.theporch.com>
Errors-To: ws4s@infoave.net
Reply-To: glowbugs@theporch.com
Originator: glowbugs@theporch.com
Sender: glowbugs@theporch.com
Precedence: bulk
From: glowbugs@theporch.com
To: Multiple recipients of list <glowbugs@theporch.com>
Subject: GLOWBUGS digest 385
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
X-Comment: Please send list server requests to listproc@theporch.com
Status: 0

GLOWBUGS Digest 385

Topics covered in this issue include:

- 1) Re: 8-10 ma meter needed for Heath novice xmtr, and other
by Roy Morgan <morgan@speckle.ncsl.nist.gov>
- 2) Meters
by linscot@is.rice.edu (Steve Linscott)
- 3) Re:
by "Brian Carling" <bry@mail1.mnsinc.com>
- 4) Re:
by Jeffrey Herman <jherman@hawaii.edu>
- 5) Re:
by "Brian Carling" <bry@mail1.mnsinc.com>
- 6) Madison Electronics? (was Re:meters)
by "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
- 7) A word of thanks
by "Bowes, Fr. Bruce" <GBB1@MARISTB.MARIST.EDU>
- 8) Motor Start Capacitors
by toyboat@freenet.edmonton.ab.ca
- 9) Re: Motor Start Capacitors
by Roy Morgan <morgan@speckle.ncsl.nist.gov>
- 10) Re: Motor Start Capacitors
by jefffd@coriolis.com (Jeff Duntemann)

Date: Mon, 16 Dec 1996 14:05:49 -0500

From: Roy Morgan <morgan@speckle.ncsl.nist.gov>
To: glowbugs@theporch.com
Subject: Re: 8-10 ma meter needed for Heath novice xmtr, and other
Message-ID: <9612161905.AA13689@speckle.ncsl.nist.gov>

At 08:11 PM 12/15/96 -0600, you wrote:

>Hello Glowbug types,

>

>I need to find an 8ma to 10ma meter for a Heath novice xmtr. Prefer the
>square plastic Heath type or an older open face round meter.

Doug,

Here's a very useful source for meters and such - very helpful guy, will
correspond by e-mail, and can now take visa (via fax). Do not be afraid to
deal in canada - worked fine for me.

OOPS, I jsut tried it and the following site no longer works:

<http://infoweb.magi.com/~testequi/>

the e-mail address I have is:

<http://infoweb.magi.com/~testequi/>

W.J. Ford Surplus Enterprises
21 Narjet St. N. P.O. Box 606
Smiths Falls, Ontario, CA
613-283-5159
613-283-0637 faz

-- Roy Morgan/Building 820, Room 562/Gaithersburg MD 20899
(National Institute of Standards and Technology, formerly NBS)
301-975-3254 Fax: 301-948-6213 morgan@speckle.ncsl.nist.gov --

-- Roy Morgan/Building 820, Room 562/Gaithersburg MD 20899
(National Institute of Standards and Technology, formerly NBS)
301-975-3254 Fax: 301-948-6213 morgan@speckle.ncsl.nist.gov --

Date: Mon, 16 Dec 1996 13:52:18 -0600 (CST)
From: linscot@is.rice.edu (Steve Linscott)
To: glowbugs@theporch.com
Subject: Meters

Message-ID: <v01530501aedb026c35f7@[128.42.14.170]>

Don Busick, K5AAD, has hundreds of panel meters left over from the closing of Madison Electronics. Most are NOS (in original boxes), some are surplus, and some are antiques. Don's address is

Don Busick
12310 Zavalla
Houston, TX 77085

And no, I don't get a commission! :-)

73 de W5EGP

- Steve -

* Steve Linscott Divisional Consultant Natural Sciences *
* Rice University 6100 South Main Street Houston, Texas 77005-1892 *
* Phone: (713) 527-4985 FAX: (713) 527-6099 Email: linscot@rice.edu *

Date: Mon, 16 Dec 1996 12:30:40 +0000
From: "Brian Carling" <bry@mail1.mnsinc.com>
To: glowbugs@theporch.com
Subject: Re:
Message-ID: <199612162032.PAA01254@news2.mnsinc.com>

On 15 Dec 96 at 17:14, Peter Holtham chatted merrily:

> >China (PRC) has just recently started issuing BA calls, according
> >to a net news source. Can anyone confirm this?

>
> Yes, I have worked a couple on 40 m cw recently, can't remember the
> calls, don't have my log at work, BA1AT was one I think.

Hello Peter - maybe we can work YET on the GB frequencies when condx permit!

BTW - I HEARD some of those chinese portable stations last night.
Sandy W5TVW was on from Red China as W5TVW/BA but I couldn't get him
to hear my little 4 watt GB!

*** 73 from Radio AF4K / G3XLQ in Gaithersburg, MD USA *
** E-mail to: bry@mnsinc.com *
*** See the great ham radio resources at: *
** <http://www.mnsinc.com/bry/> *

Date: Mon, 16 Dec 1996 12:16:04 -1000
From: Jeffrey Herman <jherman@hawaii.edu>
To: Brian Carling <bry@mail1.mnsinc.com>
Subject: Re:
Message-ID: <Pine.GS0.3.93.961216121034.11419A-100000@uhunix3>

> > >China (PRC) has just recently started issuing BA calls, according
> > >to a net news source. Can anyone confirm this?

Gee, I wonder what an American would have to do to get one of
those BA calls? I think I'll write to the Chinese Embassy.

Jeff KH2PZ (thinking how to get BA4DX)

Date: Mon, 16 Dec 1996 15:56:26 +0000
From: "Brian Carling" <bry@mail1.mnsinc.com>
To: Jeffrey Herman <jherman@hawaii.edu>
Subject: Re:
Message-ID: <199612162356.SAA11210@news2.mnsinc.com>

On 16 Dec 96 at 12:16, Jeffrey Herman chatted merrily:

> > > >China (PRC) has just recently started issuing BA calls,
> > > >according to a net news source. Can anyone confirm this?
>
> Gee, I wonder what an American would have to do to get one of
> those BA calls? I think I'll write to the Chinese Embassy.
>
> Jeff KH2PZ (thinking how to get BA4DX)

Alright then Jeff, and I will try to get BA2CW

*** 73 from Radio AF4K / G3XLQ in Gaithersburg, MD USA *
** E-mail to: bry@mnsinc.com *
*** See the great ham radio resources at: *
** http://www.mnsinc.com/bry/ *

Date: Mon, 16 Dec 1996 20:20:45 -0600
From: "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
To: glowbugs@theporch.com
Subject: Madison Electronics? (was Re:meters)
Message-ID: <3.0.32.19961216202040.006b5700@postoffice.worldnet.att.net>

At 07:53 PM 12/16/96 +0000, you wrote:

>Don Busick, K5AAD, has hundreds of panel meters left over from the closing
>of Madison Electronics. Most are NOS (in original boxes), some are
>surplus, and some are antiques. Don's address is

>
> Don Busick
> 12310 Zavalla
> Houston, TX 77085

>And no, I don't get a commission! :-)

>
> 73 de W5EGP
>
> - Steve -
>
>
>

>*****

>* Steve Linscott Divisional Consultant Natural Sciences
*
>* Rice University 6100 South Main Street Houston, Texas
77005-1892 *
>* Phone: (713) 527-4985 FAX: (713) 527-6099 Email: linscot@rice.edu
*

Madison Electronics? Yeah I remember that place very well. Missed it when the place finally closed as so many other Houston customers did. No place like it that I know of anymore. Just ham radio swap meets now...

Robert M. Bratcher Jr.

E-mail to:

bratcher@worldnet.att.net

Record collector, 8mm, super 8, 16 and 35mm Film collector.

I like old radio's too.

Collins, Hallicrafters, National & Hammurland are my Favorites!

Date: Mon, 16 Dec 1996 23:08:01 EST
From: "Bowes, Fr. Bruce" <GBB1@MARISTB.MARIST.EDU>
To: The Glowbugs tube list <glowbugs@theporch.com>
Subject: A word of thanks
Message-ID: <16DEC96.24984331.0125.MUSIC@MARISTB.MARIST.EDU>

Gang,

As a newbie, I want to thank all of you who answered my questions and have offered to help. I am quite excited about building a 6L6 trans-mitter. I am going to try to assemble the parts that I need.

Since the Feast of Christmas is almost upon us, I will have to wait til after the New Year to start in earnest.

Again, my thanks and a Blessed Christmass to one and all

Fr Bowes KB2TRF

Date: Tue, 17 Dec 1996 00:49:05 -0700 (MST)
From: toyboat@freenet.edmonton.ab.ca
To: glowbugs@theporch.com
Subject: Motor Start Capacitors
Message-ID: <Pine.A41.3.95.961217000923.116002A-100000@fn2.freenet.edmonton.ab.ca>

I wonder if I could pick the brains of all those improvisers out there, once again.

I'm scavenging filter capacitors for a 6L6 one-tuber power supply. I like to dig things up locally, and cheap, if possible.

I have access to a local outlet that sells surplus electronics which is mostly of an industrial nature. There are high voltage capacitors which are in the 25 to 50 uF / 350 VAC range.

The AC rating is because they are motor-start units. Some are sealed cylindrical metal units, much larger than conventional axial-lead electrolytics of similar value (marked: liquid-filled - No PCBs). The terminals are both at one end, covered with the usual little rubber boot. Would these be oil-filled units? Would they be suitable for use in a simple 300VDC, one-tuber cw transmitter power

supply? They will fit in my project okay.

The other units are in a bakelite-like plastic cylinder, closed off at one end, with terminals at the other. These are smaller, for the same value, than the liquid-filled metal units, but still larger than the conventional axial-lead electrolytics of similar value. These are also non-polarized with AC ratings. Are these electrolytic units, with two polarized caps in series-opposing connection inside? If so, are these caps unsuitable for filtering pulsating DC in a power supply, because 1/2 of each unit would be continuously reverse-polarized?

I'm sure that someone out there has figured all this out before. I would very much appreciate the benefit of your experience.

Much of the fun for me is in the scrounging. These caps are much cheaper than what is available from the electronics wholesaler here.

So, will either type work?

Thanks again for any help.

Regards,
Shane Wilcox

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*****  
** Shane <toyboat@freenet.edmonton.ab.ca> **  
*****  
** Edmonton, Alberta, Canada **  
*****
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Date: Tue, 17 Dec 1996 10:39:31 -0500
From: Roy Morgan <morgan@speckle.ncsl.nist.gov>
To: toyboat@freenet.edmonton.ab.ca, glowbugs@theporch.com
Subject: Re: Motor Start Capacitors
Message-ID: <9612171539.AA20159@speckle.ncsl.nist.gov>

At 01:56 AM 12/17/96 -0600, you wrote:

>
> I'm scavenging filter capacitors for a 6L6 one-tuber power supply.

... There are high voltage
> capacitors which are in the 25 to 50 uF / 350 VAC range.
>
> The AC rating is because they are motor-start units.

There's been a lot of talk about motor start caps on one hifi list I get lately.
Here's a summary:

- 1) motor start capacitors make fine filter caps.
- 2) some golden eared tube amplifier builders prefer them above all else
- 3) they will withstand DC of at least 1.4 times the AC rating and last forever
- 4) they are built of non-polarized film materials

One manufacturer's design engineer is reported to have laughed at the question "Can I run them in DC filter service at the rated AC voltage?" He went on to explain that they are tested at 2 or 2.5 times the ac rating for some hundreds of hours and that the expected failure rate is less than one in 100,000 units.

If I were you, I'd buy all I could use, and then have fun!!!

-- Roy Morgan/Building 820, Room 562/Gaithersburg MD 20899
(National Institute of Standards and Technology, formerly NBS)
301-975-3254 Fax: 301-948-6213 morgan@speckle.ncsl.nist.gov --

Date: Tue, 17 Dec 1996 08:54:51 -0700
From: jeffd@coriolis.com (Jeff Duntemann)
To: morgan@speckle.ncsl.nist.gov

Cc: glowbugs@theporch.com

Subject: Re: Motor Start Capacitors

Message-ID: <1.5.4.32.19961217084930.00f69c68@ntserver.coriolis.com>

Yikes! Here I've got a milk jug full of motor start caps and never dared try them in filter service!

Anyway, what's worth pointing out is that many of the "industrial surplus" catalogs like C&H Sales (we dicussed them here a month or two ago) sell motor start caps, even if they don't sell much of anything else of interest at RF.

Gotta give this a shot.

--73--

--Jeff Duntemann KG7JF
Scottsdale, Arizona

End of GLOWBUGS Digest 385
